

Calculate the average Offensive Rating (ORtg) and Defensive Rating (DRtg) for each team.						
Analyze the impact of player age on performance metrics(PPG, RPG,APG).						
Identify players with the highest combined performance metrics (Points + Rebounds + Assists, P+R+A)						
Determine the top players in each position (Guard, Forward, Center) based on PPG.						

NAME	SUM of PPG
Anthony Davis	27.8
Bam Adebayo	22.6
Brook Lopez	17.7
Chet Holmgren	15.6
Damian Jones	0
DeAndre Jordan	2
Dereck Lively II	8
Evan Mobley	16
Ivica Zubac	16.2
Jarrett Allen	17
Jericho Sims	1.4
Joel Embiid	33
Jonas Valanciunas	14.5
Jusuf Nurkic	7.8
Kristaps Porzingis	13.5
Luka Garza	4.1
Maxi Kleber	3.7
Mitchell Robinson	2.8
Myles Turner	17
Neemias Queta	1
Nikola Jokic	28.7
Orlando Robinso	0
Rudy Gobert	12.1
Wendell Carter J	7.6
Grand Total	290.1

Determine the top players in each position (Guard, Forward, Center) based on PPG.

NAME	SUM of PPG	SUM of APG	SUM of RPG	
A.J. Lawson	1.1	0	0.4	1.5
Aaron Gordon	14.3	4.4	7.3	26
Aaron Nesmith	10.5	2.2	4.9	17.6
Aaron Wiggins	6.2	1	3.2	10.4
AJ Green	2.8	0.3	1.5	4.6
Al Horford	9.5	2	7.1	18.6
Alec Burks	14.8	1	3.3	19.1
Amir Coffey	2.8	0.3	1.7	4.8
Andre Jackson Jr.	2.4	2	2.2	6.6
Andrew Nembhard	14.9	5.5	3.3	23.7
Anthony Black	3	1	1	5
Anthony Davis	27.8	4	15.6	47.4
Anthony Edwards	27.6	6.5	7	41.1
Austin Reaves	16.8	3.6	3.8	24.2
Bam Adebayo	22.6	3.8	9.4	35.8
Ben Sheppard	5.2	1	3	9.2
Bobby Portis	16.5	1	11.3	28.8
Bojan Bogdanovic	6	1	3	10
Bol Bol	0.7	0	1.3	2
Bones Hyland	3.7	1.3	0.7	5.7
Bradley Beal	16.5	4.5	2.8	23.8
Brandon Boston Jr.	1.7	0.3	0.7	2.7
Brandon Ingram	14.3	3.3	4.5	22.1
Brook Lopez	17.7	1.8	4.3	23.8
Buddy Hield	5.5	0.5	1.3	7.3
Caleb Houston	1	0	0.7	1.7
Caleb Martin	11.6	1.4	3.6	16.6
Cameron Payne	5.6	1.4	1.2	8.2
Caris LeVert	10.1	2.3	3.6	16
Cason Wallace	4.2	1	1.3	6.5
Chet Holmgren	15.6	2.1	7.2	24.9
Chris Livingston	1	0	0	1
Christian Braun	5.1	0.8	2.7	8.6
Chuma Okeke	3	0.5	0	3.5
CJ McCollum	17.8	4.8	4.8	27.4
Cole Anthony	5.1	1.3	2.1	8.5

Identify players with the highest combined performance metrics (Points + Rebounds + Assists, P+R+A)

D'Angelo Russell	14.2	4.2	2.8	21.2
Damian Jones	0	1	1	2
Damian Lillard	31.3	5	3.3	39.6
Daniel Gafford	9.2	0.8	5.8	15.8
Daniel Theis	3	0	1	4
Danilo Gallinari	3.7	0.7	3	7.4
Dante Exum	1.5	0.6	0.8	2.9
DaQuan Jeffries	2	0	1	3
Darius Garland	15.7	5.8	3.6	25.1
David Roddy	0	0	0	0
De'Anthony Melton	0	1	1	2
Dean Wade	3.7	1.7	2	7.4
DeAndre Jordan	2	0	1.5	3.5
Delon Wright	8	1.8	3	12.8
Dereck Lively II	8	1.4	7.4	16.8
Derrick Jones Jr.	9.3	1.4	3.7	14.4
Derrick White	17.5	4.4	4.1	26
Devin Booker	27.5	6	3.3	36.8
Donovan Mitchell	29.6	4.7	5.4	39.7
Donte DiVincenzo	17.8	2.6	4	24.4
Doug McDermott	1.3	0.7	0.3	2.3
Drew Eubanks	5.7	0	1.3	7
Duncan Robinson	2.6	1.2	1	4.8
Dwight Powell	0.5	0.1	0.7	1.3
Dyson Daniels	1.3	0	0.7	2
E.J. Liddell	0	0	1	1
Eric Gordon	8	1.3	1.8	11.1
Evan Mobley	16	2.3	9.3	27.6
Franz Wagner	18.9	4.4	6.9	30.2
Gabe Vincent	1.4	0.6	1.6	3.6
Gary Harris	4.2	0.7	2	6.9
Georges Niang	2.8	0.4	1.2	4.4
Goga Bitadze	0	1	1.5	2.5
Gordon Hayward	0	0.4	1.9	2.3
Grayson Allen	3.5	1	4	8.5
Haywood Highsmith	4.8	1.6	2.8	9.2
Herbert Jones	13	2.5	5	20.5

Hunter Tyson	0.3	0.3	1	1.6
Isaac Okoro	5.5	1.1	1.8	8.4
Isaiah Hartenstein	8.5	3.5	7.8	19.8
Isaiah Jackson	3.8	0.5	3.2	7.5
Isaiah Joe	6.4	1	2.2	9.6
Isaiah Thomas	0	0	0	0
Ivica Zubac	16.2	1	9.3	26.5
Jaden Hardy	4.2	0.8	0.7	5.7
Jaden McDaniels	12.2	1.1	3.8	17.1
Jaden Springer	1.3	0.3	0.3	1.9
Jae Crowder	2.3	0.5	1.5	4.3
Jaime Jaquez Jr.	12.8	3	3.3	19.1
Jalen Brunson	32.4	7.5	3.3	43.2
Jalen Pickett	1.3	0.3	0.3	1.9
Jalen Smith	1.9	0.3	2	4.2
Jalen Suggs	14.7	3.3	5.1	23.1
Jalen Williams	18.7	5.4	6.8	30.9
Jamal Murray	20.6	5.6	4.3	30.5
James Harden	21.2	8	4.5	33.7
James Johnson	1	0	0	1
Jarace Walker	0.9	0.4	0.4	1.7
Jarrett Allen	17	1.3	13.8	32.1
Jaxson Hayes	0.3	0.3	3	3.6
Jaylen Brown	24.9	3.2	6.1	34.2
Jaylin Williams	4.4	1.5	3.2	9.1
Jayson Tatum	25.2	6.2	10.1	41.5
Jeremiah Robins	2	1	1	4
Jericho Sims	1.4	0.2	1.6	3.2
Jett Howard	2.5	0.5	0.5	3.5
Joe Ingles	1.6	1.7	1.9	5.2
Joel Embiid	33	5.7	10.8	49.5
Jonas Valanciunas	14.5	1.3	11	26.8
Jonathan Isaac	6.3	0.4	4.9	11.6
Jordan Hawkins	0	0	0.7	0.7
Jordan McLaughlin	0.7	0.3	0.7	1.7
Jordan Walsh	1	0	0.5	1.5
Jose Alvarado	1.8	2.3	1	5.1

Josh Giddey	8.7	2.1	3.6	14.4
Josh Green	4.6	1.1	2.5	8.2
Josh Hart	14.5	4.5	11.5	30.5
Josh Minott	1.2	0.6	1	2.8
Josh Okogie	3.5	0.5	1	5
Jrue Holiday	13.2	4.5	5.9	23.6
Julian Strawther	2.3	0	0.7	3
Justin Holiday	2.9	0.3	1.7	4.9
Jusuf Nurkic	7.8	2.8	8.3	18.9
Karl-Anthony Towns	19.1	2.6	9	30.7
Kawhi Leonard	12	2	8	22
Kelly Oubre Jr.	13.2	1.7	4	18.9
Kendall Brown	0.6	0.3	0.4	1.3
Kenrich Williams	0.6	0.4	1.1	2.1
Kentavious Caldwell-Pope	8.1	2.6	2.9	13.6
Kevin Durant	26.8	3.3	6.5	36.6
Kevin Love	1.8	0.8	2.8	5.4
Khris Middleton	24.7	4.7	9.2	38.6
Kobe Brown	0	0	0.7	0.7
Kristaps Porzingis	13.5	1.3	5	19.8
Kyle Anderson	4.3	2.5	2.7	9.5
Kyle Lowry	7	4	3.5	14.5
Kyrie Irving	22.6	4.9	3.7	31.2
Larry Nance Jr.	6.3	1.8	8.3	16.4
LeBron James	27.8	8.8	6.8	43.4
Leonard Miller	0	0	1.3	1.3
Lindy Waters III	0	0	0.3	0.3
Luguentz Dort	10.7	2	4.6	17.3
Luka Doncic	28.9	8.4	9.6	46.9
Luka Garza	4.1	0.1	0.9	5.1
Luke Kornet	3.5	0.5	3.6	7.6
Malik Beasley	8.8	0.7	2.5	12
Mamadi Diakite	0.5	0.3	0.8	1.6
Marcus Morris Sr.	6.1	0.3	2.8	9.2
MarJon Beauchamp	0.8	0.5	0.3	1.6
Markelle Fultz	6.4	1.1	2	9.5
Mason Plumlee	3.2	0.7	3.3	7.2

Matt Ryan	0	0	1	1
Max Strus	9.5	2.9	5.3	17.7
Maxi Kleber	3.7	1	1.9	6.6
Michael Porter Jr	15.8	1.1	6.8	23.7
Mike Conley	11.6	5.7	3.9	21.2
Miles McBride	11	1.9	2.2	15.1
Mitchell Robinson	2.8	0.5	6.8	10.1
Monte Morris	2.3	1	0.7	4
Moritz Wagner	6.3	0.3	4.4	11
Myles Turner	17	2.1	6.6	25.7
Naji Marshall	9	1.3	2.8	13.1
Nassir Little	1.8	0	0.3	2.1
Naz Reid	11.1	1	3.7	15.8
Neemias Queta	1	0	1.5	2.5
Nickeil Alexander	7.3	2.3	1.8	11.4
Nicolas Batum	6.3	1.3	5.8	13.4
Nikola Jokic	28.7	8.7	13.4	50.8
Nikola Jovic	9.4	2.2	6.6	18.2
Norman Powell	12.8	0.3	2.8	15.9
Obi Toppin	10.9	1.7	4.4	17
OG Anunoby	15.1	1.1	6	22.2
Olivier-Maxence	0	0	0	0
Orlando Robinso	0	1	1	2
Oshae Brissett	1.1	0	1.4	2.5
Ousmane Dieng	0.5	0	0	0.5
P.J. Tucker	5.5	0	1.5	7
P.J. Washington	13.8	1.4	6.9	22.1
Paolo Banchero	27	4	8.6	39.6
Pascal Siakam	21.6	3.8	7.5	32.9
Pat Connaughton	4.5	2.2	3.8	10.5
Patrick Beverley	8.2	5.5	3.3	17
Patty Mills	6	1	0.3	7.3
Paul George	19.5	4.8	6.8	31.1
Paul Reed	1.5	0.3	2.7	4.5
Payton Pritchard	6.4	2.2	2	10.6
Peyton Watson	1.8	0.4	1.5	3.7
Precious Achiuw	5.2	0.6	4.2	10

Reggie Jackson	3.5	1	1.3	5.8	
Royce O'Neale	5	1	4.8	10.8	
Rudy Gobert	12.1	1.6	9.8	23.5	
Rui Hachimura	7.8	0.8	3.8	12.4	
Russell Westbrook	6.3	1.7	4.2	12.2	
Sam Hauser	4.8	0.6	2	7.4	
Sam Merrill	3.3	0.9	1.2	5.4	
Shai Gilgeous-Alexander	30.2	6.4	7.2	43.8	
Shake Milton	1.3	0.5	0.3	2.1	
Spencer Dinwiddie	3	1.6	1.4	6	
Svi Mykhailiuk	0.8	0.2	0.5	1.5	
T.J. McConnell	11.8	5.1	3.1	20	
T.J. Warren	0	0.3	1	1.3	
Taurean Prince	7.4	0.6	2.4	10.4	
Terance Mann	9.3	1.8	5	16.1	
Thaddeus Young	0	0	0	0	
Thanasis Antetokounmpo	0	0	0	0	
Thomas Bryant	6	0.5	2.5	9	
Tim Hardaway Jr.	3.8	0.3	1.8	5.9	
Tobias Harris	9	1.5	7.2	17.7	
Trey Murphy III	11.5	2.3	6.5	20.3	
Tristan Thompson	1.5	1	2	4.5	
Tyler Herro	16.8	5.4	3.6	25.8	
Tyrese Haliburton	18.7	8.2	4.8	31.7	
Tyrese Maxey	29.8	6.8	5.2	41.8	
Wendell Carter Jr.	7.6	1.3	6.3	15.2	
Wendell Moore Jr.	1.2	0.3	0.3	1.8	
Xavier Tillman	1.3	0.3	1.9	3.5	
Zeke Nnaji	1.7	0	0.7	2.4	
Grand Total	1807.4	387.3	738.7	2933.4	50.8

AGE	AVG of PPG	AVG of APG	AVG of RPG	AVERAGE
20.3	4.5	0.7	3.95	3.05
20.4	3	1	1	1.67
20.5	0	0	1.3	0.43
20.6	4.2	1	1.3	2.17
20.7	1.75	0.25	0.25	0.75
20.8	0.9	0.4	0.4	0.57
21	9.4	2.2	6.6	6.07
21.1	0.55	0.15	0.2	0.30
21.2	1.3	0	0.7	0.67
21.4	1	0	0.7	0.57
21.5	1.2	0.6	1	0.93
21.6	27	4	8.6	13.20
21.7	5	1.2	1.95	2.72
21.8	1.8	0.4	1.5	1.23
21.9	2.1	0.4	0.35	0.95
22	4.4	1.5	3.2	3.03
22.1	7.8	1.05	3.95	4.27
22.2	2.3	0	0.7	1.00
22.4	3.8	0.5	3.2	2.50
22.5	1.7	0.3	0.7	0.90
22.6	2.4	2	2.2	2.20
22.7	1.2	0.3	0.3	0.60
22.8	18.9	4.4	6.9	10.07
22.9	16.4	3.75	5	8.38
23	15.35	2.8	7.2	8.45
23.2	7.933333333	2.066666667	3.166666667	4.39
23.3	12.8	3	3.3	6.37
23.4	3.6	0.55	1.25	1.80
23.5	0	0	1	0.33
23.6	12.13333333	2.966666667	2.9	6.00
23.7	5.566666667	0.966666667	1.6	2.71
23.8	11	1.9	2.2	5.03
23.9	0.55	0.5	0.7	0.58

Analyze the impact of player age on performance metrics(PPG, RPG,APG).

24	5.9	1.3	3.75	3.65
24.1	2.7	0.8	2.55	2.02
24.2	1.9	0.3	2	1.40
24.3	10.25	4.1	2.55	5.63
24.4	11.85	4.175	2.8	6.28
24.6	1	0.15	0.8	0.65
24.7	6.166666667	1.033333333	3.533333333	3.58
24.8	11.1	1	3.7	5.27
24.9	2.466666667	0.666666667	1.733333333	1.62
25	1.5	0.3	2.7	1.50
25.2	9.15	1.65	5.45	5.42
25.3	28.9	8.4	9.6	15.63
25.4	3.75	0.65	2.55	2.32
25.5	4.1	0.1	0.9	1.70
25.6	1.4	0.2	1.6	1.07
25.7	11.1	1.65	5.4	6.05
25.8	6.9	1.175	2.425	3.50
25.9	30.2	6.4	7.2	14.60
26	8.02	1.36	3	4.13
26.1	12.75	2.4	10.8	8.65
26.2	2.3	1.4	3.9	2.53
26.3	14.63333333	2.9	6.1	7.88
26.4	7.7	1.75	2.4	3.95
26.5	4.8	0.6	2	2.47
26.7	6.3	0.4	4.9	3.87
26.8	8.15	1.65	2.75	4.18
26.9	10.925	1.35	4.55	5.61
27	1.8	0.25	1.1	1.05
27.1	6.3	0.3	4.4	3.67
27.2	8.1	0.5	5.15	4.58
27.3	14.95	3.5	4	7.48
27.4	8	0.966666667	2.033333333	3.67
27.5	6.8	1.15	2.65	3.53
27.6	18.7	3.633333333	3.8	8.71

27.7	5.3	1.15	2.65	3.03
27.8	31	6.1	4.35	13.82
28	1.4	0.6	1.6	1.20
28.1	3.3	0.9	1.2	1.80
28.2	9.066666667	1.766666667	4.2	5.01
28.3	14.2	4.2	2.8	7.07
28.5	13.2	1.7	4	6.30
28.6	19.1	2.6	9	10.23
28.7	9.8	2.266666667	4.966666667	5.68
28.9	6.166666667	0.8	3.133333333	3.37
29	1.15	1	0.85	1.00
29.3	19.9	4.733333333	12.06666667	12.23
29.5	0.6	0.4	1.1	0.70
29.7	4.2	0.7	2	2.30
29.8	7.833333333	2.166666667	4.366666667	4.79
29.9	17.5	4.4	4.1	8.67
30.1	2.6	1.2	1	1.60
30.2	20.66666667	3.366666667	6.9	10.31
30.7	4.3	2.5	2.7	3.17
30.8	0	0.3	1	0.43
31	8.1	1.966666667	2.933333333	4.33
31.1	12.8	0.3	2.8	5.30
31.2	3	1.6	1.4	2.00
31.3	17.95	3.3	9.25	10.17
31.4	5.4	2	6.05	4.48
31.5	5.5	0.5	1.3	2.43
31.9	4.5	0.75	3.6	2.95
32	12.1	1.6	9.8	7.83
32.1	11.25	1.55	7	6.60
32.2	10.3	2.575	2.4	5.09
32.4	2.5	0.85	1.1	1.48
32.7	17.8	4.8	4.8	9.13
32.8	24.7	4.7	9.2	12.87
32.9	7.65	0.55	2	3.40

33	12	2	8	7.33
33.3	1.5	1	2	1.50
33.9	16.8	2.75	2.4	7.32
34	13.2	4.5	5.9	7.87
34.1	19.5	4.8	6.8	10.37
34.2	1.75	0.7	1.6	1.35
34.3	3.2	0.7	3.3	2.40
34.8	13.65	4.15	3.65	7.15
35.2	4.45	0.65	2.35	2.48
35.3	0	0	0	0.00
35.5	7.15	1.3	3.8	4.08
35.6	6.3	1.7	4.2	4.07
35.7	26.8	3.3	6.5	12.20
35.8	3.833333333	0.833333333	2.033333333	2.23
35.9	5.1	2.75	2.4	3.42
36	0	0	0	0.00
36.2	17.7	1.8	4.3	7.93
36.7	6.6	3.7	2.9	4.40
37.3	1	0	0	0.33
38	9.5	2	7.1	6.20
38.2	7	4	3.5	4.83
39.1	5.5	0	1.5	2.33
39.5	27.8	8.8	6.8	14.47
Grand Total	8.485446009	1.818309859	3.468075117	4.59

TEAM	AVG of ORtg	AVG of DRtg
Bos	104.0	93.2
Cle	98.2	108.7
Dal	87.9	86.7
Den	94.9	99.1
Ind	94.4	89.0
Lac	106.4	94.2
Lal	102.8	108.2
Mia	98.5	99.6
Mil	90.2	87.3
Min	71.1	69.9
Nor	72.6	83.7
Nyk	113.4	102.1
Okc	91.5	91.4
Orl	110.0	106.0
Phi	107.7	107.9
Pho	75.2	75.3
Grand Total	94.6	93.2

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